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DESCRIPTORS: *Coal tar, *Coal, Chemical reactions, Solutions.

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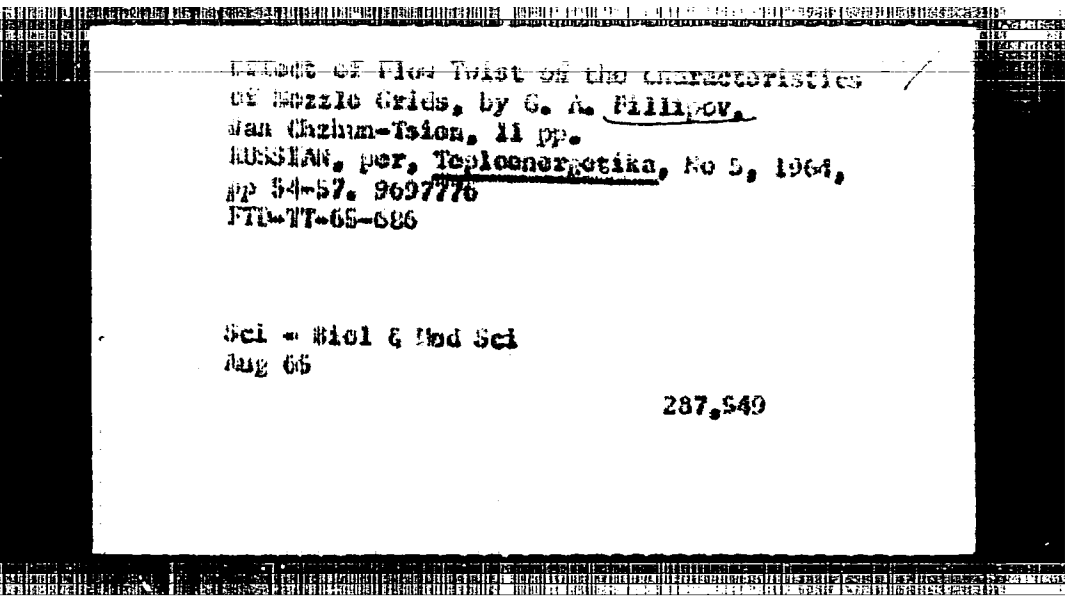

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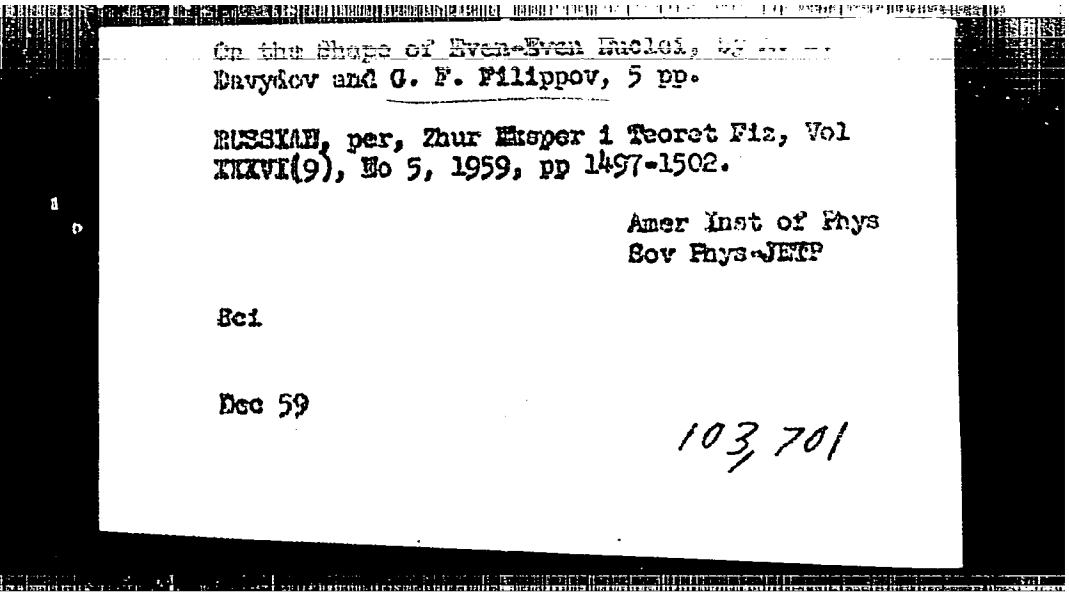

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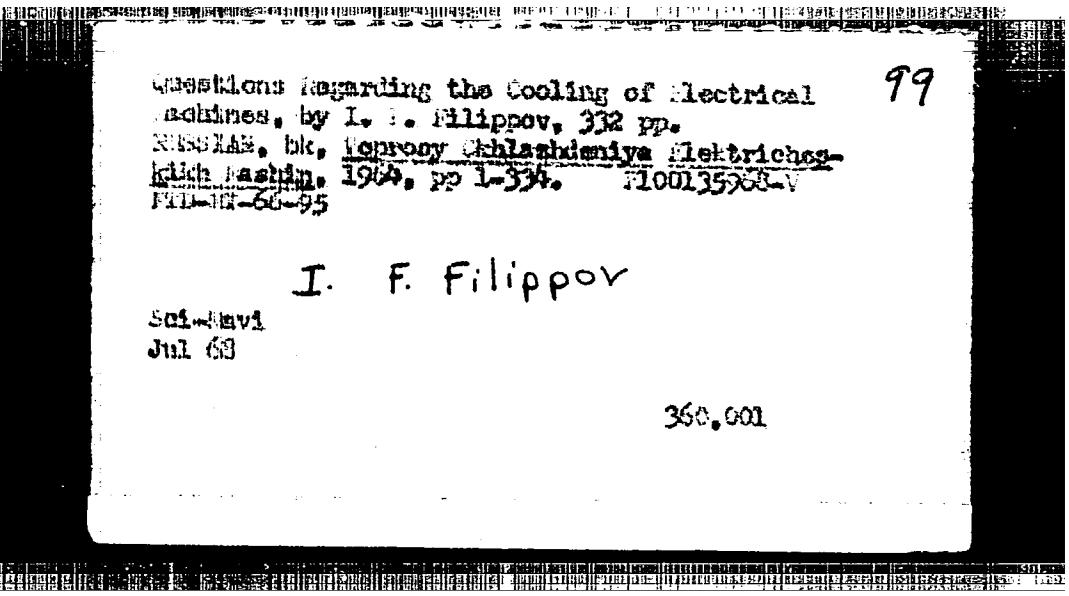

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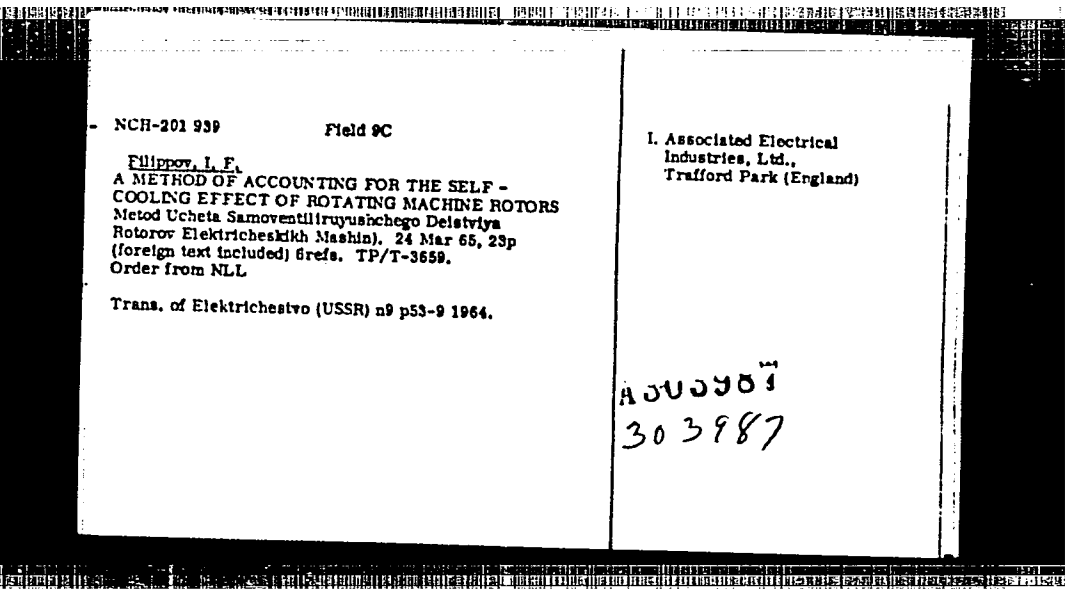

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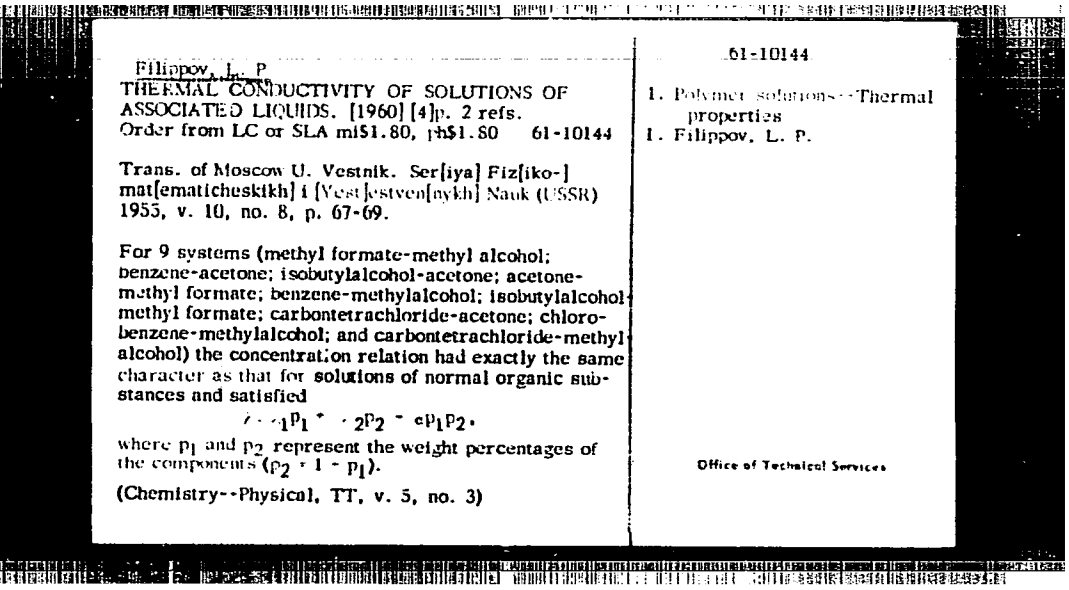

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For 9 systems (methyl formate-methyl alcohol; benzene-acetone; isobutylalcohol-acetone; acetone-methyl formate; benzene-methylalcohol; isobutylalcohol-methyl formate; carbontetrachloride-acetone; chlorobenzene-methylalcohol; and carbontetrachloride-methyl alcohol) the concentration relation had exactly the same character as that for solutions of normal organic substances and satisfied

$$\lambda = \lambda_1 p_1 + \lambda_2 p_2 - \varepsilon p_1 p_2,$$

where p_1 and p_2 represent the weight percentages of the components ($p_2 = 1 - p_1$).

(Chemistry--Physical, TT, v. 5, no. 3)

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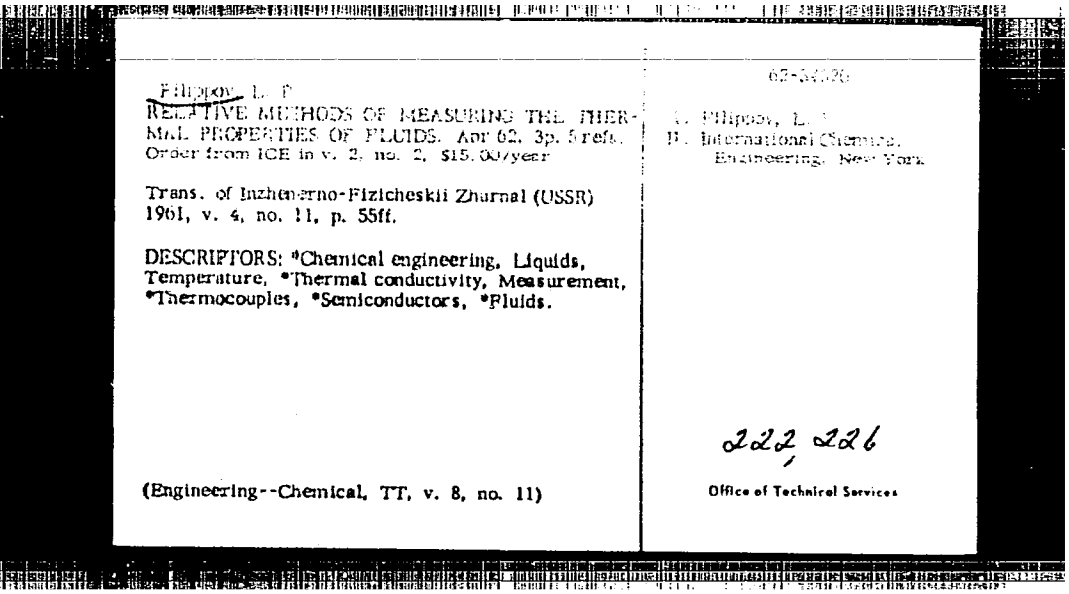

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DESCRIPTORS: *Chemical engineering, Liquids, Temperature, *Thermal conductivity, Measurement, *Thermocouples, *Semiconductors, *Fluids.

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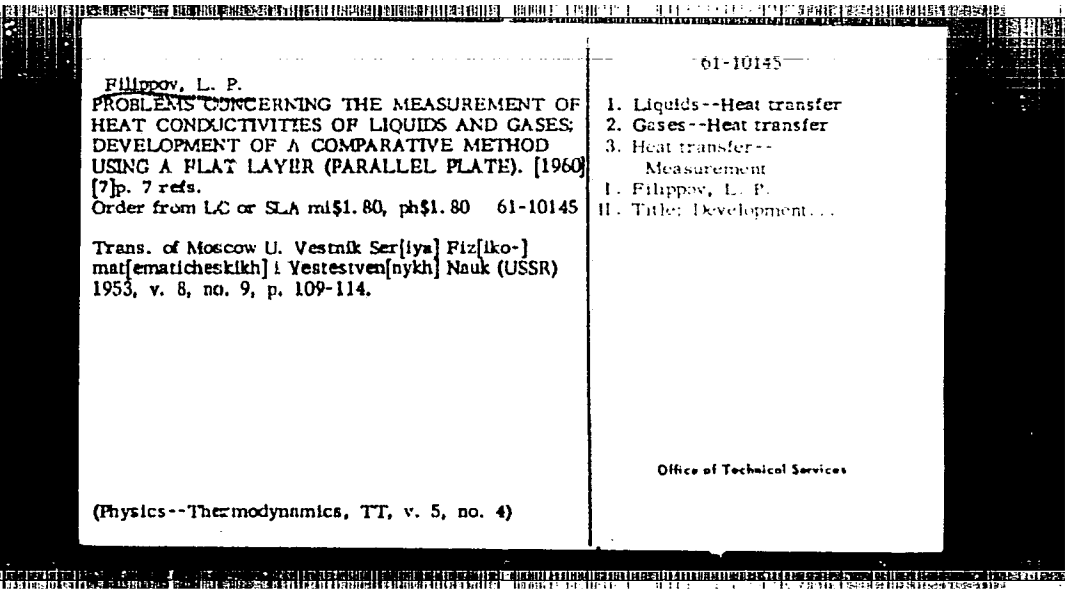

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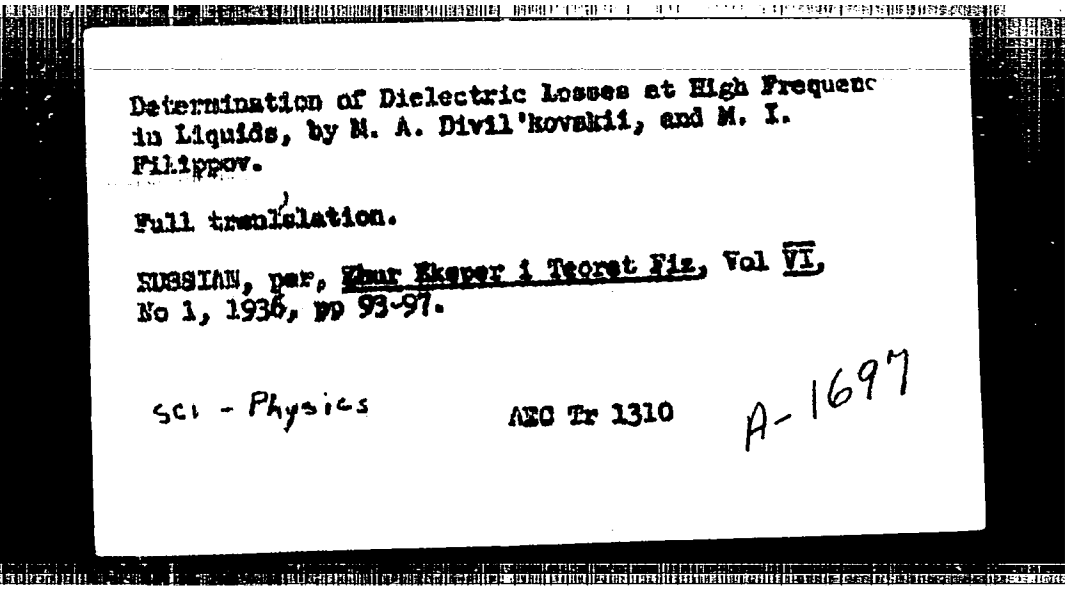

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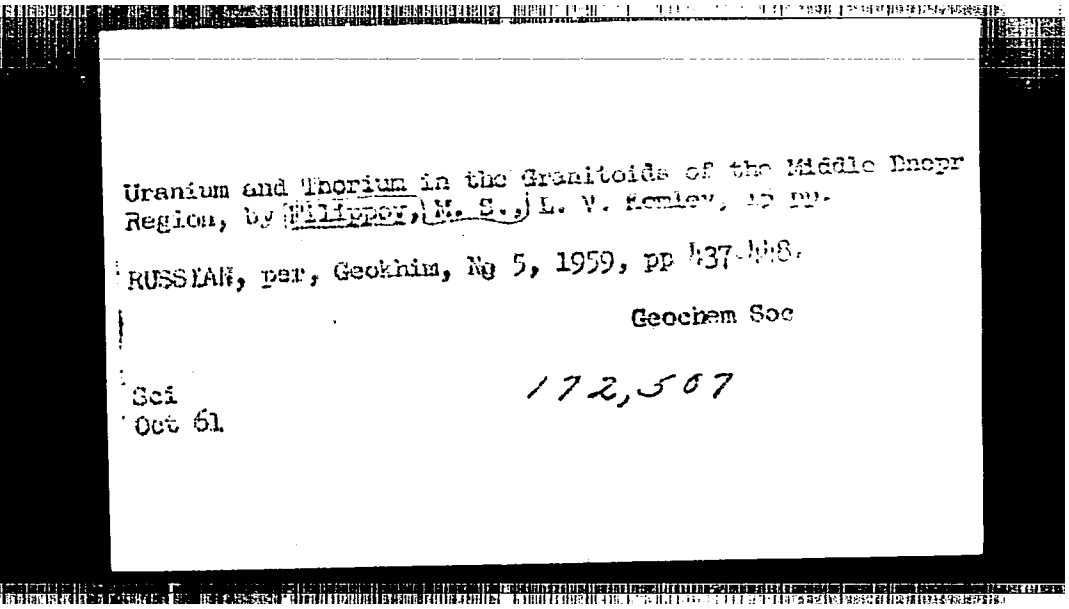

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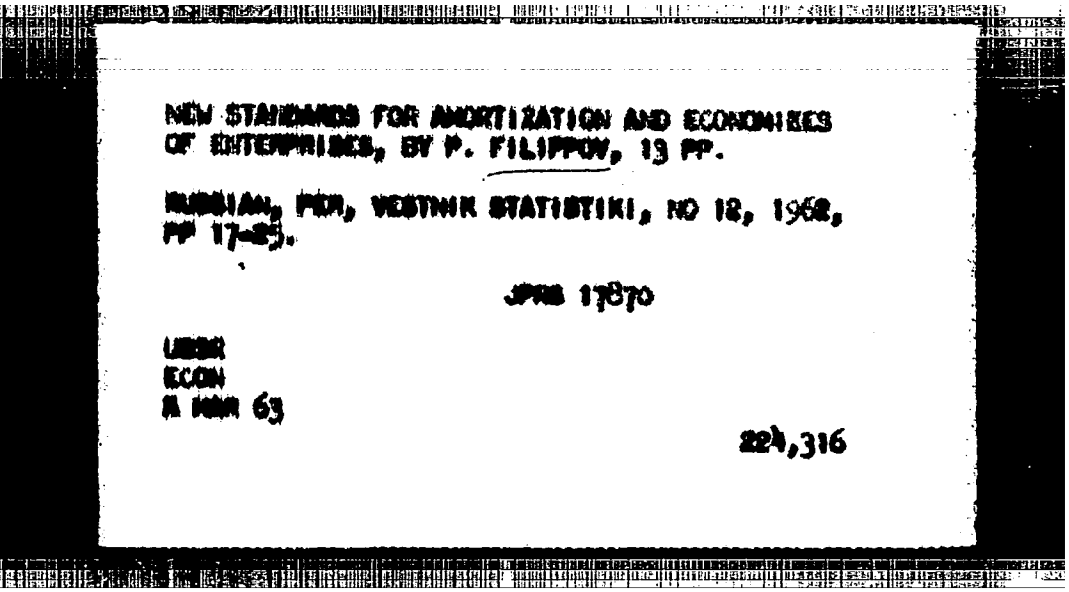

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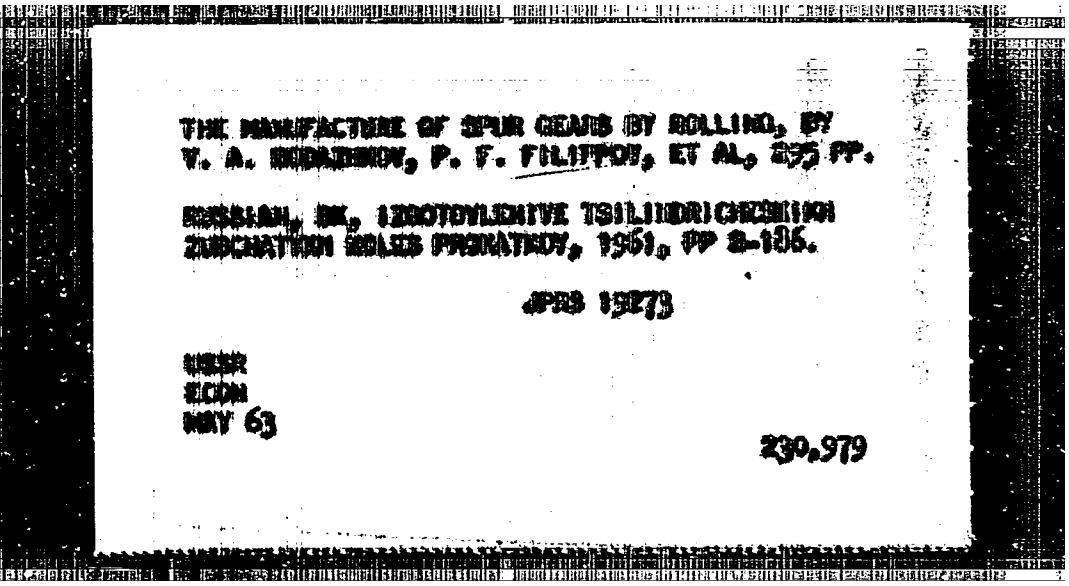

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